



U.S. PATENT & TRADEMARK OFFICE

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Masaya ISHIDA et al.

Application No.: 10/026,653

Filed: December 27, 2001

Docket No.: 111594

For: MANUFACTURING METHOD OF MOLECULAR FILM PATTERN, MOLECULAR FILM PATTERN, MANUFACTURING METHOD OF SEMICONDUCTOR DEVICE, SEMICONDUCTOR DEVICE, MANUFACTURING METHOD OF ELECTRO-OPTICAL DEVICE, ELECTRO-OPTICAL DEVICE, MANUFACTURING METHOD OF ELECTRONIC DEVICE, AND ELECTRONIC APPARATUS

PRELIMINARY AMENDMENT

Director of the U.S. Patent and Trademark Office
Washington, D. C. 20231

Sir:

Prior to initial examination, please amend the above-identified application as follows:

IN THE CLAIMS:

Please replace claims 12-16, 18, 22 and 23 as follows:

12. (Amended) A method for manufacturing a molecular film pattern according to Claim 3,

wherein R¹ of the organic silicon compound is a perfluoroalkyl group.

13. (Amended) A method for manufacturing a molecular film pattern according to Claim 3,

wherein R¹ of the organic silicon compound is a trifluoromethyl group.

14. (Amended) A method for manufacturing a molecular film pattern according to Claim 1,

wherein the thickness of the molecular film is 3 nm or less.

15. (Amended) A molecular film pattern formed by a method for manufacturing a molecular film pattern according to Claim 1.

16. (Amended) A method for manufacturing a semiconductor device comprising:
a step of forming a molecular film pattern according to a method for manufacturing a molecular film pattern recited in Claim 1.

18. (Amended) A method for manufacturing an electro-optical device comprising:

a step of forming a molecular film pattern according to a method for manufacturing a molecular film pattern recited in Claim 1.

22. (Amended) A method for manufacturing an electronic device comprising:
a step performed by using a method for manufacturing a molecular film pattern recited in Claim 1.


23. (Amended) An electronic apparatus comprising an electro-optical device according to Claim 19 as a display portion.

REMARKS

Claims 1-23 are pending. By this Preliminary Amendment, claims 12-16, 18, 22 and 23 are amended to remove multiple dependencies. Prompt and favorable examination on the merits is respectfully requested.

The attached Appendix includes marked-up copies of each rewritten claim (37 C.F.R. 1.121(c)(1)(ii)).

Respectfully submitted,


James A. Oliff
Registration No. 27,075

Eric D. Morehouse
Registration No. 38,565

JAO:EDM/gam

Attachment:
Appendix

Date: April 26, 2002

OLIFF & BERRIDGE, PLC
P.O. Box 19928
Alexandria, Virginia 22320
Telephone: (703) 836-6400

DEPOSIT ACCOUNT USE AUTHORIZATION Please grant any extension necessary for entry; Charge any fee due to our Deposit Account No. 15-0461
--

APPENDIX

Changes to Claims:

The following are marked-up versions of the amended claims:

12. (Amended) A method for manufacturing a molecular film pattern according to ~~one of~~ Claims 3, 4, 5, 6, 9, 10, and 11, wherein R¹ of the organic silicon compound is a perfluoroalkyl group.
13. (Amended) A method for manufacturing a molecular film pattern according to ~~one of~~ Claims 3, 4, 5, 6, 9, 10, and 11, wherein R¹ of the organic silicon compound is a trifluoromethyl group.
14. (Amended) A method for manufacturing a molecular film pattern according to ~~one of~~ Claims 1 to 13, wherein the thickness of the molecular film is 3 nm or less.
15. (Amended) A molecular film pattern formed by a method for manufacturing a molecular film pattern according to ~~one of~~ Claims 1 to 14.
16. (Amended) A method for manufacturing a semiconductor device comprising: a step of forming a molecular film pattern according to a method for manufacturing a molecular film pattern recited in ~~one of~~ Claims 1 to 14.
18. (Amended) A method for manufacturing an electro-optical device comprising: a step of forming a molecular film pattern according to a method for manufacturing a molecular film pattern recited in ~~one of~~ Claims 1 to 14.
22. (Amended) A method for manufacturing an electronic device comprising: a step performed by using a method for manufacturing a molecular film pattern recited in ~~one of~~ Claims 1 to 14.
23. (Amended) An electronic apparatus comprising an electro-optical device according to Claim 19 ~~or 21~~ as a display portion.